



Monthly Mineral Analyses

Date of Sample: November 16, 2021

UTILITIES

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.26	1.26	0.62	1.49	2.46	0.18	0.16
Sodium	85.9	54.1	164	8.03	31.1	115	110
Iron	0.165	0.754	0.361	1.00	2.00	<0.035	<0.035
Manganese	0.016	0.021	0.019	0.019	0.088	<0.002	<0.002
Copper	0.018	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead	0.002	<0.0005	<0.002	<0.002	<0.002	<0.001	<0.001
Bromide	0.38	0.51	0.95	0.04	<0.35	0.40	0.34
Conductivity	713	659	1342	164.6	833	900	850
Total Alkalinity	139	150	172	58	157	107	101
Calcium	51	58	119	22	73	62	64
Chloride	77	90	252	15	37	138	128
Fluoride	0.20	0.21	0.22	0.13	0.32	0.40	0.38
Total Hardness	152	180	284	68	235	176	176
pH	8.43	8.47	8.06	7.89	7.83	7.93	7.90
Silica, Dissolved	20.8	26.0	26.7	16.0	5.78	17.2	16.5
Sulfate	46	51	89	9.3	42	87	86
Turbidity	7.0	22	12	35	69	0.06	0.05
Dissolved Solids	432	414	788	122	323	498	514
Suspended Solids	9	16	8	4	128	<2	<2
Nitrate	0.05	0.11	0.19	0.10	1.43	0.16	0.19
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.04	<0.025	<0.025
Ortho-Phosphate	0.16	<0.05	0.17	0.12	0.26	<0.05	<0.05
Atrazine	<2.5	<2.5	<2.5	<2.5	<0.2		
Total Arsenic	6.3	6.6	8.0	3.2	<6.4		
Dissolved Arsenic	6.7	6.3	7.6	2.8	<6.4		
Barium	0.09	0.12	0.14	0.07	0.13		
Cadmium	<0.005	<0.005	<0.005	<0.005	<0.002		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001		

Results expressed in mg/L, except as follows: Conductivity–umhos/cm, pH– SU, Turbidity – NTU, Total Hardness/Total Alkalinity – mg/L as CaCO₃, and Atrazine, Total Arsenic, Dissolved Arsenic – µg/L.

Reviewed by: *M. D. Suarez* Title: Laboratory Manager Date: 2/08/22